

# Aileena Xie

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## EDUCATION

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**McGill University**  
*B.S. Computer Science*

Sept. 2022 - May 2025  
*Current GPA: 3.75/4.0*

**Relevant Courses:** Object-Oriented Programming, Data Structures & Algorithms, Programming Languages & Paradigms, Software Design, Operating Systems, Database Systems

**Societies:** Women In Tech, Girls Who Code, CodeJam

## SKILLS

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**Languages:** JavaScript/TypeScript, Java, Python, SQL, Bash, HTML, CSS

**Tools:** Git/GitHub, Unix Shell, VS Code, IntelliJ,  $\text{\LaTeX}$ , Maven, Postman

**Frameworks:** React, Angular, Flask, NestJS, Spring

## EXPERIENCE

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**Royal Bank Of Canada** | *Full Stack Developer Intern*

Sept. 2023 – Dec. 2023

- Contributed to the end-to-end re-platforming of online banking services by actively participating in the development of a RESTful web service with **Spring**, **Maven** and **Jenkins**, and the development of the front-end application with **Angular**
- Developed an automatic feature to raise a GitHub issue when a repository does not have a valid CodeOwners File with the **GitHub API**, **TypeScript** and **NestJS**
- Upgraded **Spring Boot** applications for existing services to improve performance and security
- Showcased the team's project to key decision-makers, contributing to the project's success from a business perspective

**McGill CodeJam Hackathon** | *Full Stack Developer*

Aug. 2023 – Nov. 2023

- Participated in the development of a full-stack registration system which allowed hundreds of participants to sign up for the hackathon with **Express.js**, **React** and **Bootstrap**
- Integrated a section on the website to showcase sponsors of different tiers
- Coordinated logistics for a successful hackathon and participated in project judging alongside sponsors

## EXTRACURRICULARS

**Girls Who Code McGill** | *Facilitator*

- Conducted sessions to students at Sacred Heart High School about the basics of **Python**
- Coordinated each session's activities and presentations with other facilitators

## PROJECTS

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**Crypto bot** | *OpenAI API, Python, Flask, HTML, CSS, Git, VS Code*

- Developed a chatbot which fine-tunes an existing NLP model through the OpenAI API
- Won the Tower Research Capital LLC. Challenge at McHacks 2023, a competition with hundreds of participants

**Reddit Bot** | *Python, Reddit API, Thonny*

- Developed a spam bot which is run as a daemon
- Explored the Reddit application as well as the Reddit API

**Wordle Game** | *Python, Thonny*

- Developed a two-player version of the original Wordle Game which is played on the command-line